

Appendix A1
Biological Assessment

BIOLOGICAL ASSESSMENT REMEDICATION OF THE MOAB URANIUM MILL TAILINGS

U.S. DEPARTMENT OF ENERGY Grand Junction, Colorado

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LOCATION: Grand and San Juan Counties, Utah

Activities are contemplated in portions of the following townships, depending on the alternative selected in the *Remediation of the Moab Uranium Mill Tailings, Grand and San Juan Counties, Utah, Environmental Impact Statement* (EIS):

T 21 S	R 19, 20 E	T 30 S	R 23, 24 E
T 22 S	R 19, 20 E	T 31 S	R 23, 24 E
T 23 S	R 18, 19, 20 E	T 32 S	R 23, 24 E
T 24 S	R 19, 20 E	T 33 S	R 23, 24 E
T 25 S	R 20, 21 E	T 34 S	R 23, 24 E
T 26 S	R 21, 22 E	T 35 S	R 23, 24 E
T 27 S	R 22, 23 E	T 36 S	R 22, 23 E
T 28 S	R 22, 23 E	T 37 S	R 22 E
T 29 S	R 23 E	T 38 S	R 22 E

U.S. Geological Survey (USGS) Quadrangles: Crescent Junction, Klondike Bluffs, Valley City, Merrimac Butte, Golden Bar Canyon, Moab, Rill Creek, Kane Springs, La Sal Junction, La Sal West, Hatch Rock, Sandstone Draw, Church Rock, Monticello North, Monticello South, Abajo Peak, Blanding North, Blanding South.

A1–1.0 Introduction

This Biological Assessment (BA) documents and assesses the proposed surface and ground water remedial actions for disposition of the uranium mill tailings pile and mill-related contamination on vicinity properties located near Moab, Utah ([Figure A1–1](#)). Sufficient information is provided to determine the potential effects on federal threatened or endangered species of the proposed alternatives addressed in the U.S. Department of Energy’s (DOE’s) EIS. This BA also documents initial and interim actions implemented to date to mitigate ongoing impacts to aquatic species in the Colorado River caused by elevated ground water concentrations of mill-related contaminants (Section A1–4.3).

For some terrestrial species, site-specific investigations may need to be conducted prior to a final determination of effects. This BA is prepared in accordance with requirements in Section 7 of the Endangered Species Act (ESA) (16 U.S.C. 1531) and complies with the requirements established in U.S. Fish and Wildlife Service (USF&WS) regulations (50 CFR 402) and DOE’s National Environmental Policy Act (NEPA) regulations (10 CFR 1021).

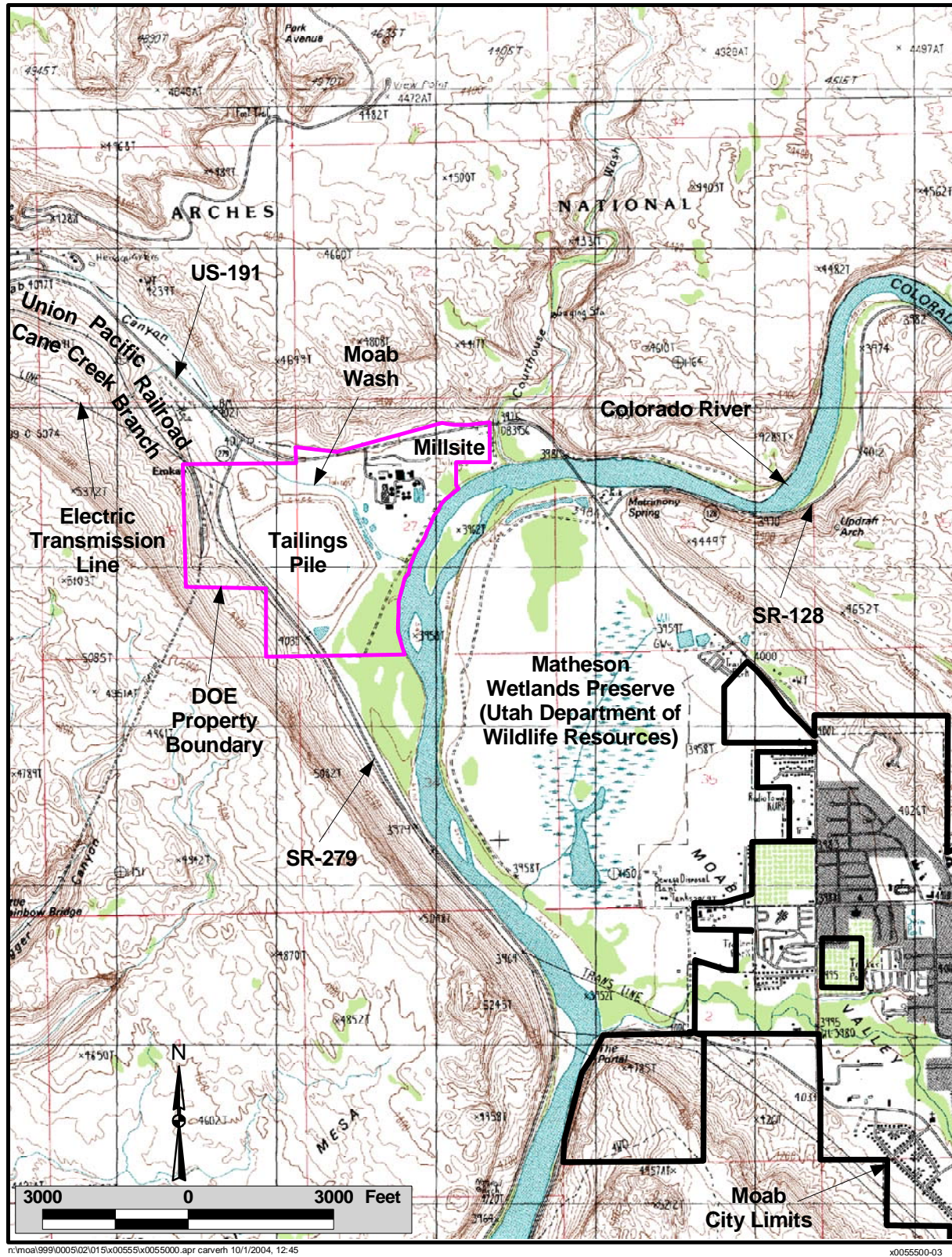


Figure A1-1. Vicinity of the Moab Site